

Fig.1

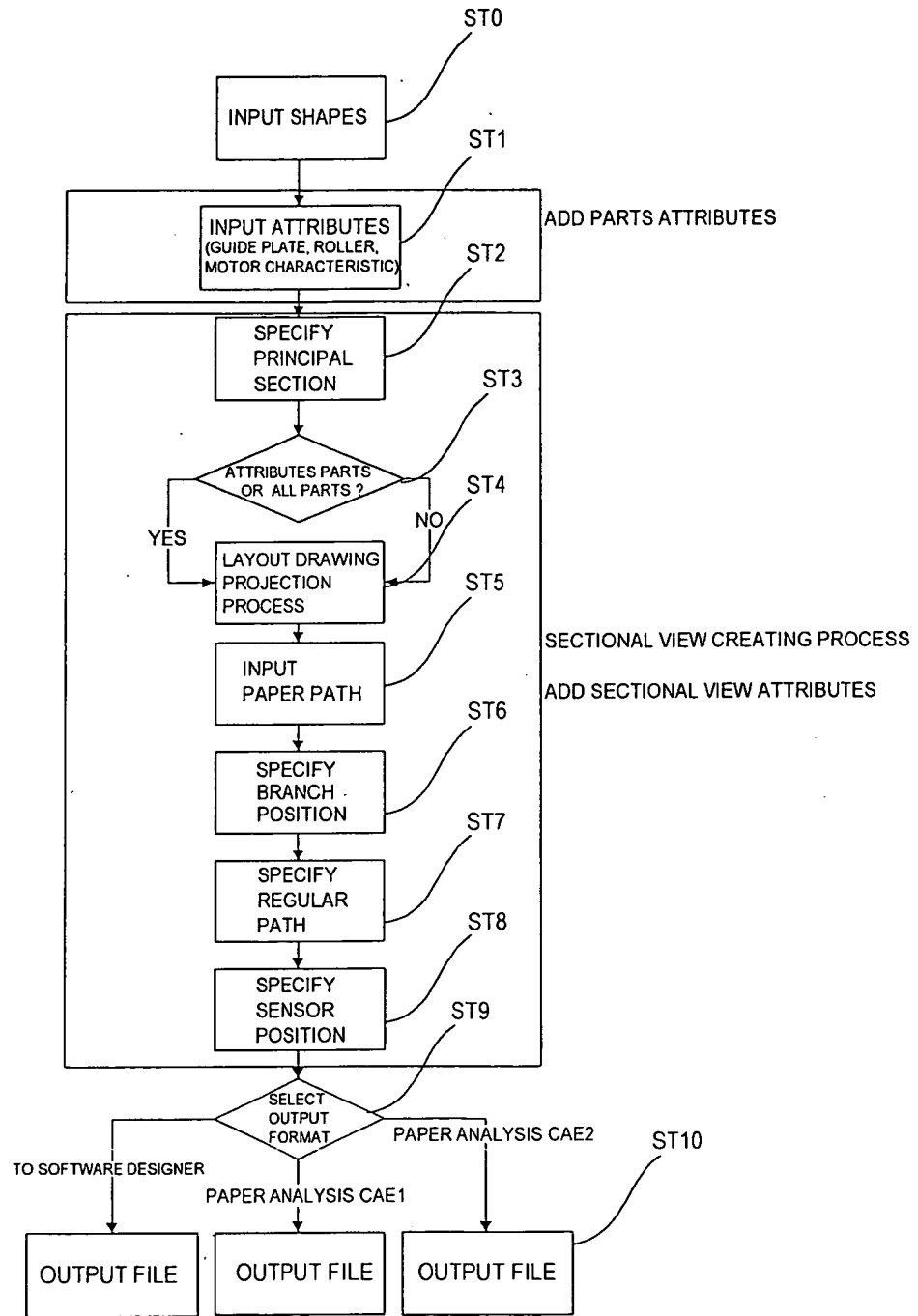


Fig.2

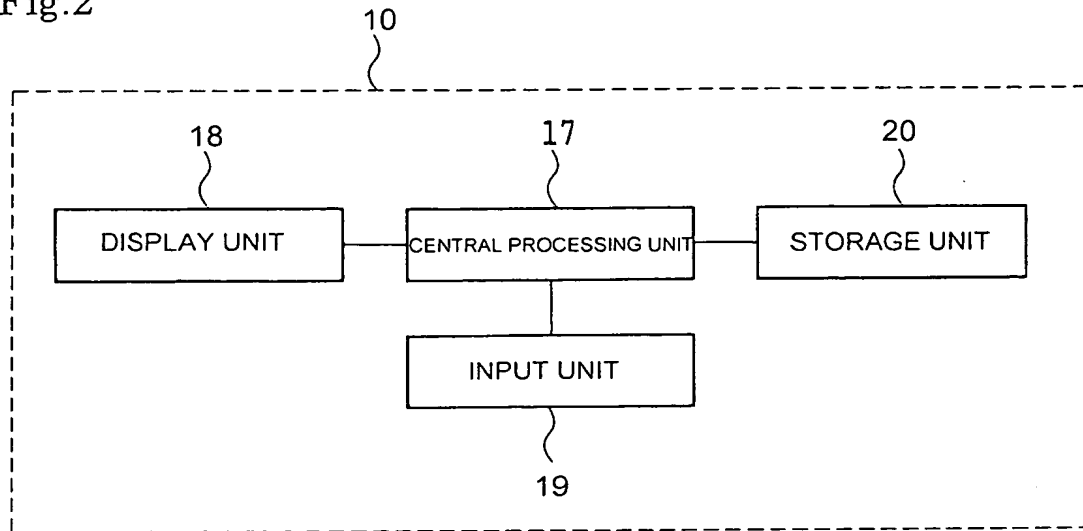


Fig.3

ATTRIBUTE GROUP		ATTRIBUTE NAME	OUTPUT DESTINATION
TRANSFER GUIDE		MATERIAL (FRICTIONAL COEFFICIENT)	SIMULATOR1
TRANSPORT ROLLER	FIXING ROLLER	PRESSING FORCE	SIMULATOR1, SIMULATOR3
	TRANSFER ROLLER	DRIVING CONDITIONS	
	TRANSPORT ROLLER	FRICTIONAL COEFFICIENT	
	GUIDE ROLLER	INERTIA	
FILM GUIDE SUCH AS POLYESTER FILM		MATERIAL (YOUNG'S MODULUS)	SIMULATOR2, SOFTWARE DESIGN1
FLAPPER		MATERIAL (FRICTIONAL COEFFICIENT)	
SENSOR		DRIVING CONDITIONS	SIMULATOR2, SOFTWARE DESIGN2
		DRIVING CONDITIONS	SIMULATOR1
PAPER PATH (TWO-DIMENSIONAL INFORMATION)		PATH LENGTH	SIMULATOR4

Fig.4

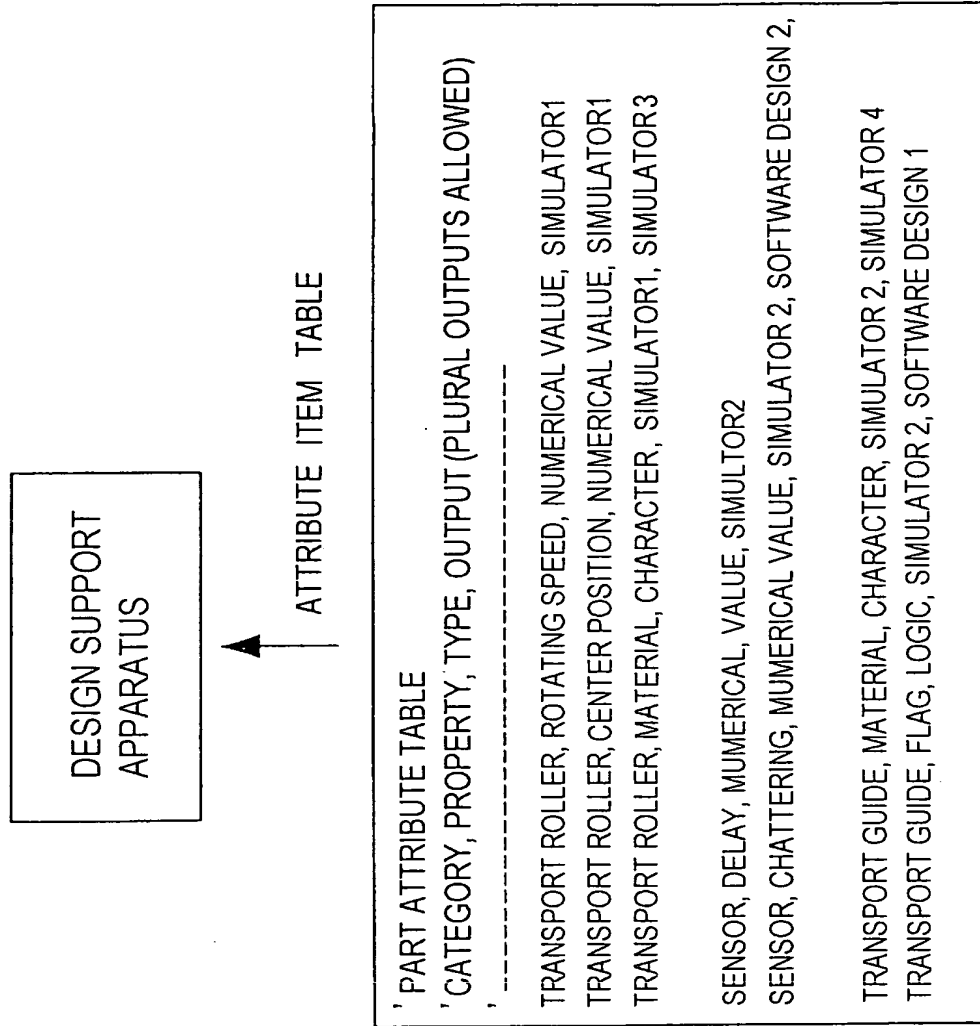


Fig. 5A

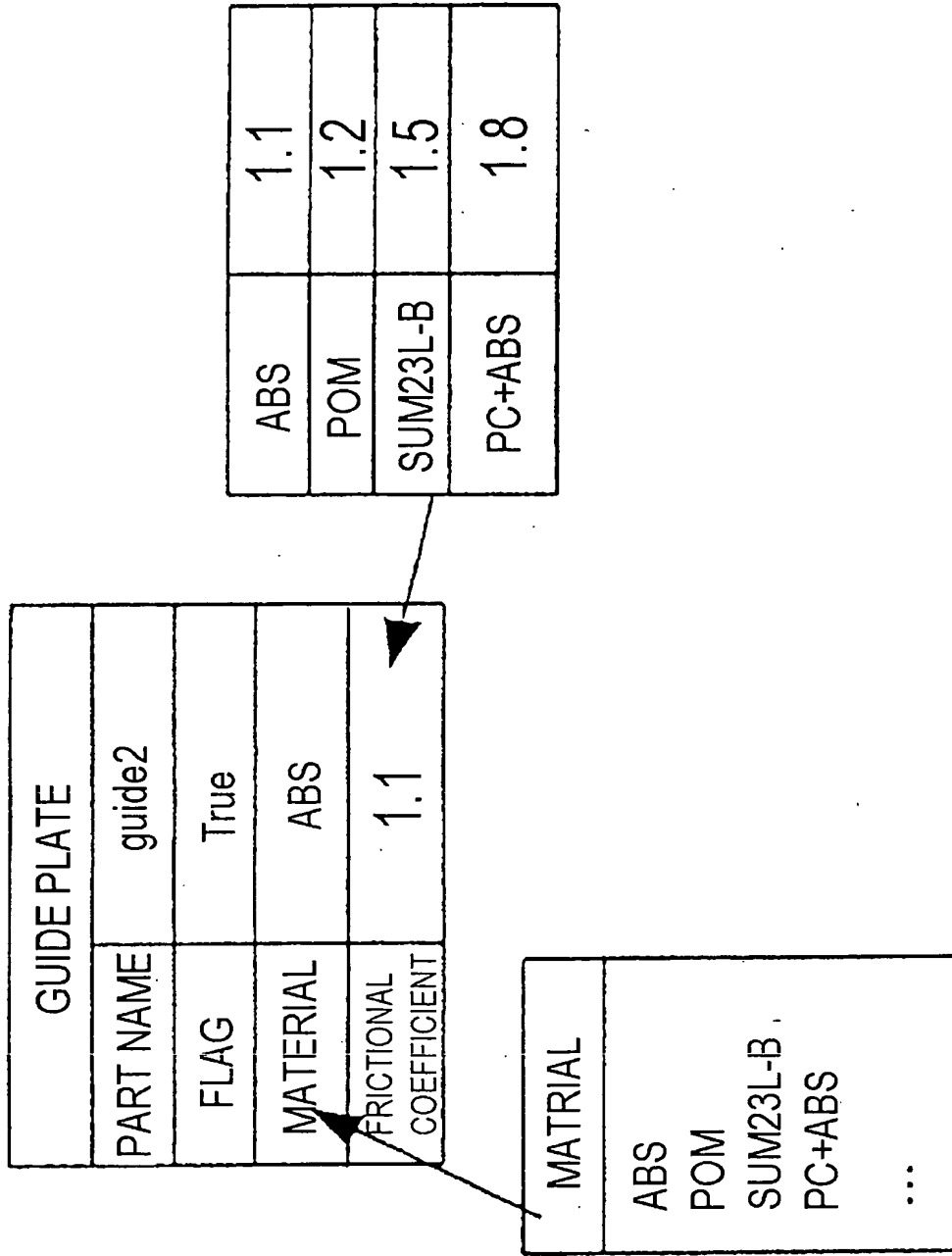


Fig.5B

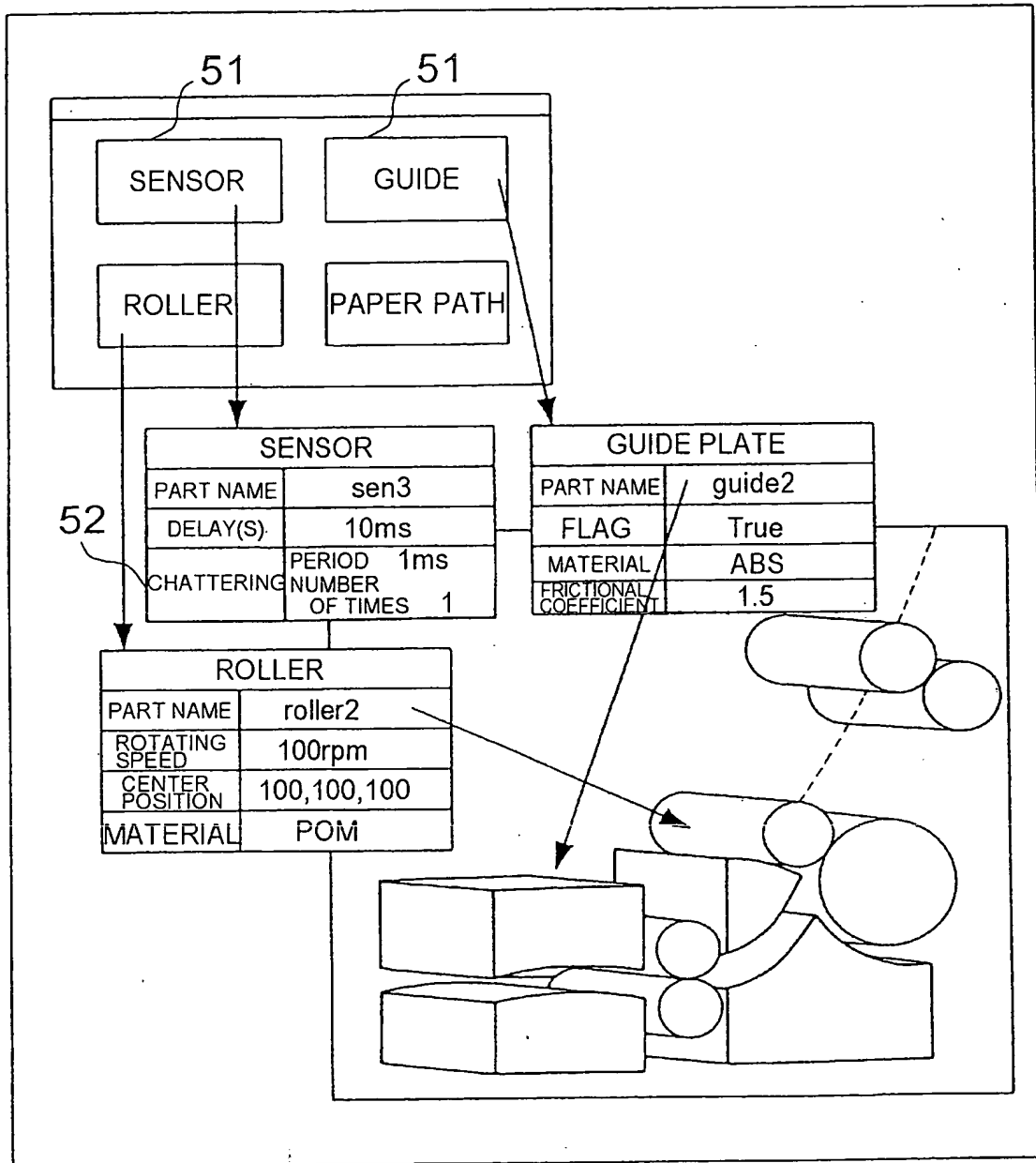


Fig.6

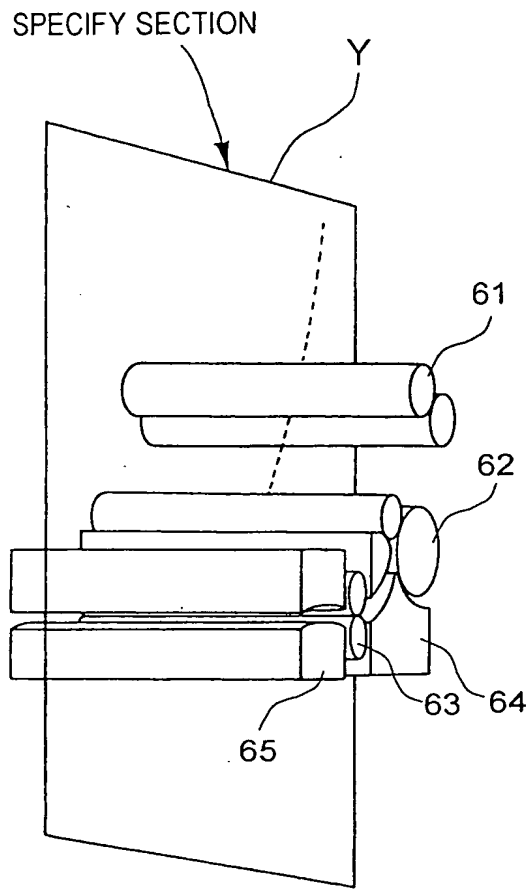


Fig.7

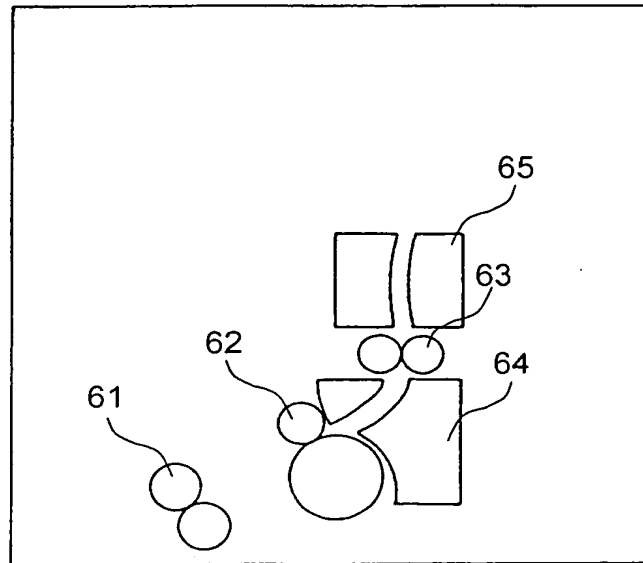


Fig.8

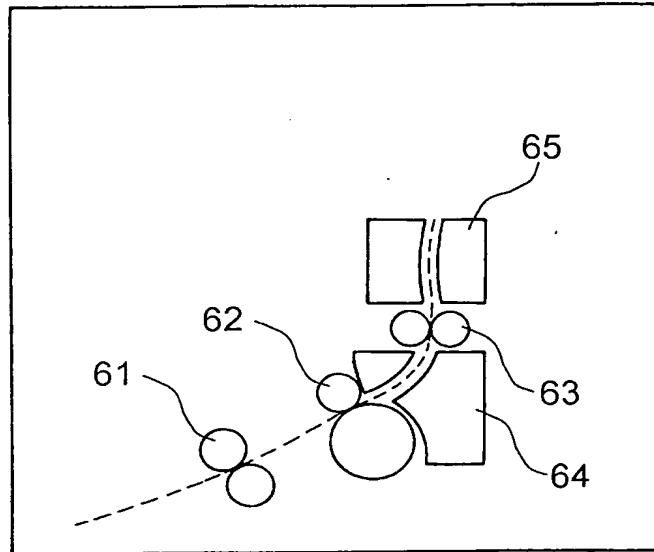


Fig.9

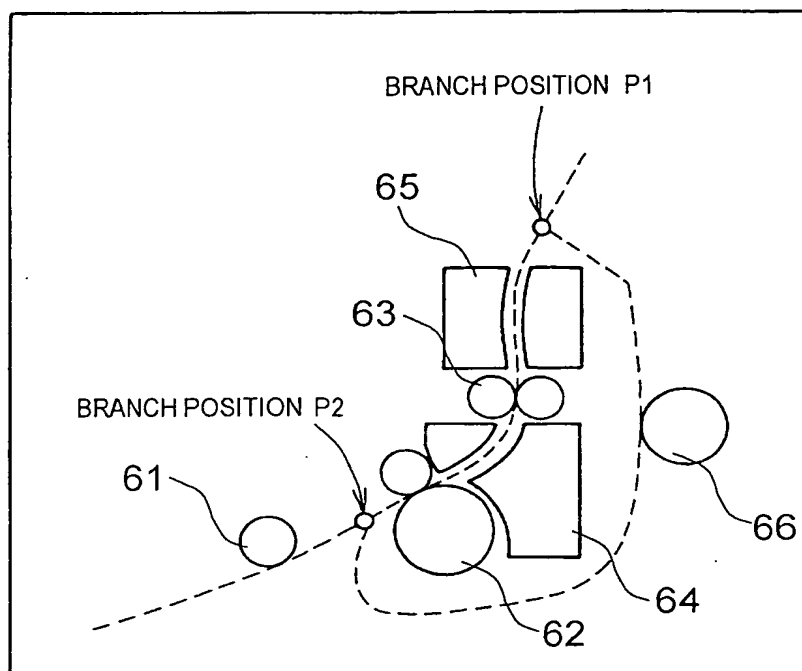


Fig. 10A

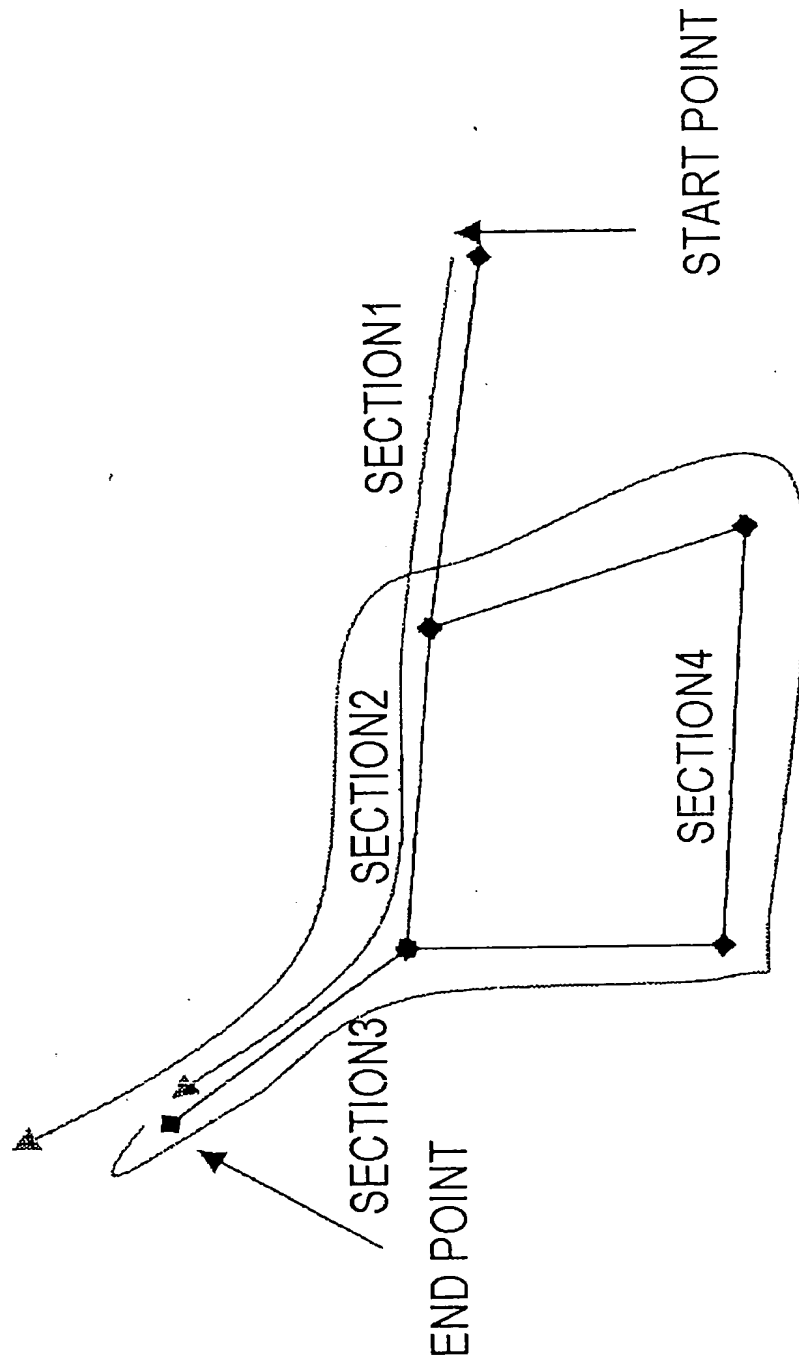


Fig. 10B

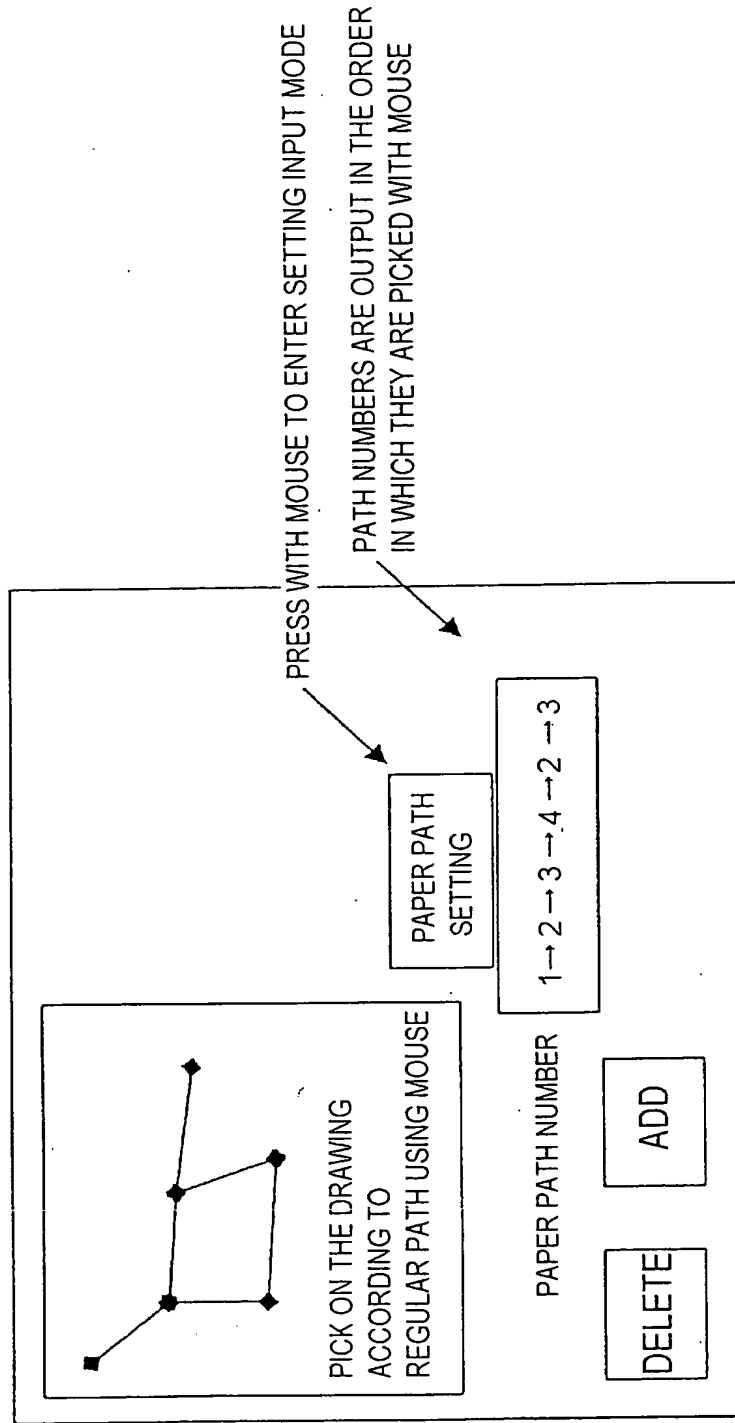


Fig. 10C

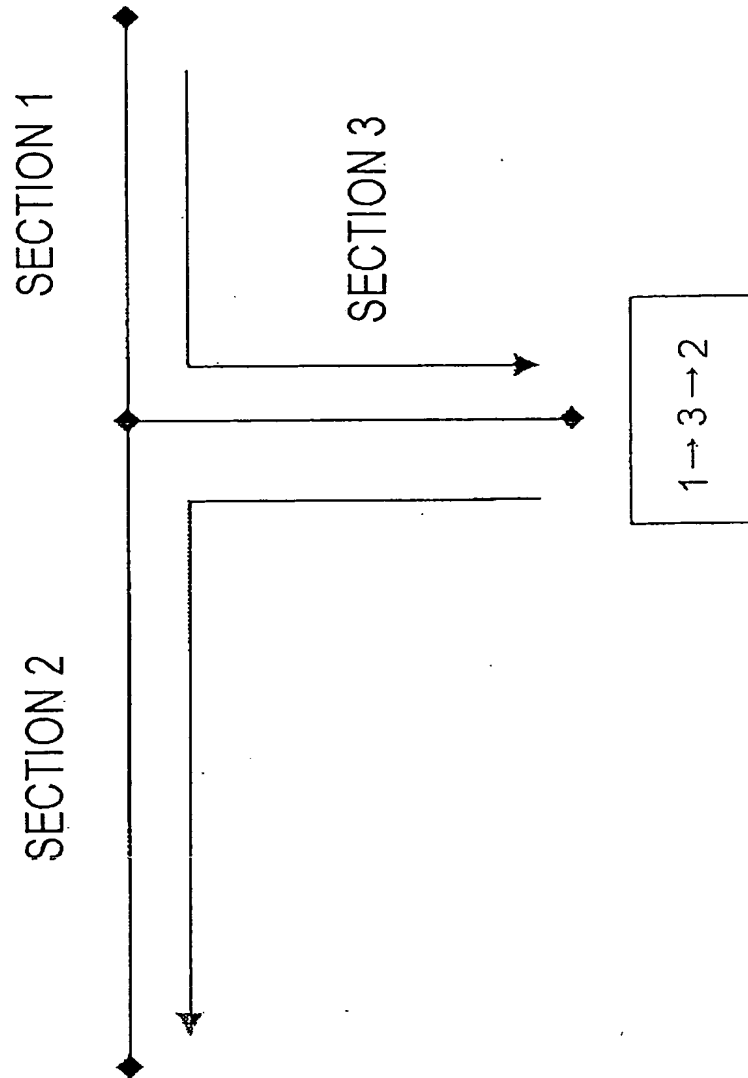


Fig.11

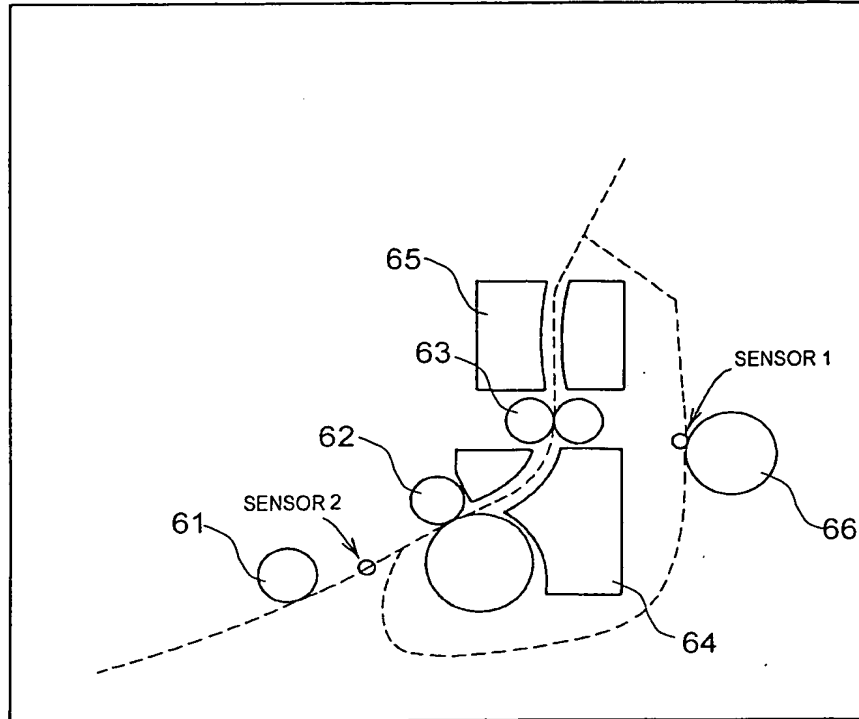


Fig.12

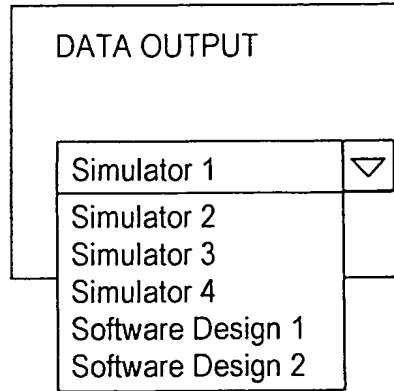


Fig.13

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'[ROLLER INFORMATION]
'PART NAME,CENTER POSITION, RADIUS, MATERIAL
roller1,"10,10",10.5,ABS
roller12,"20,10",15.5,ABS
roller13,"110,10",20.5,ABS
roller14,"310,10",30.5,ABS

'[GUIDE PLATE INFORMATION]
'Line or Arc or Spline START POINT, END POINT, CENTER (ARC)
LINE,"10.5,10.5","100.0,100.0"
ARC,"5,10","30,40","10.0,10.0"
...

'[PAPER PATH INFORMATION]
'PAPER PATH ELEMENT
0 SPLINE
  END_L -90.011489920340438,-55.457774430023193
  END_R -67.634677809124952,85.34802967677652
  LENGTH 153.85250668527772
1 ARC
  END_L -67.634677809124938,85.34802967677652
  END_R -69.43395492034044,101.4842875699768
  CENTER -268.77219671991821,-75.708134430023193
  LENGTH 16.252763377358612
2 ARC
  END_L -69.43395492034044,101.4842875699768
  END_R -75.877104920340429,108.76784756997679
  CENTER -175.88930454618531,-75.708134430023193
  LENGTH 10.204557248071362
...

'ORDER OF PAPER PATH ELEMENTS
1,2,3,4, ...
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Fig.14

